

The Microwave Factor

Microwave - and other forms of electromagnetic - radiation are major (but conveniently disregarded, ignored, and overlooked) factors in many modern unexplained disease states. Insomnia, anxiety, vision problems, swollen lymph, headaches, extreme thirst, night sweats, fatigue, memory and concentration problems, muscle pain, weakened immunity, allergies, heart problems, and intestinal disturbances are all symptoms found in a disease process the Russians described in the 70's as Microwave Sickness.

Friday, July 29, 2016

France's National Health And Safety Agency Calls For Reducing Children's Wireless Exposures: ANSES 2016 Report

France's National Health And Safety Agency Calls For Reducing Children's Wireless Exposures: ANSES 2016 Report

France's National Health Agency Calls For Reducing Children's Wireless Exposures

The National Agency of Health Security of Food, Environment and Labour Report *All* wireless devices, from tablets, remote controlled toys, wireless toys, baby monitors, and cell phones should be subjected to tighter regulatory limits.



On July 8, the French National Agency of Health Security of Food, Environment and Labour (ANSES) published a new scientific report "Radiofrequency Exposure and the Health of Children".

Concluding that children are more vulnerable to radio frequency (RF) wireless exposures, the French report recommends immediately reducing exposures to wireless radiation from all wireless devices for young children. Acknowledging the inadequacies of current outdated RF regulations, ANSES recommends strengthening RF exposure limits with child protective safety margins *and* developing more sophisticated premarket test methods to fully assess human

exposures to RF radiation from wireless devices. The new report has made [headlines](#) across the country.

Report States Children Exposed More and Early

“Unlike previous generations, children are exposed today to multiple RF sources at a young age...Children are not miniature adults...because of their smaller size, their anatomical and morphological characteristics and the characteristics of some of their tissues, they are more exposed. In particular, the peripheral areas of their [brains](#) are more vulnerable than adults to RF.”

[-Olivier Merkel, coordinator of the ANSES report:](#)



This French national report affirms recent EHT publications showing greater absorption and vulnerability of the young to cell phone radiation. [IEEE/Access: Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation: the relationship between psSAR and age.](#)

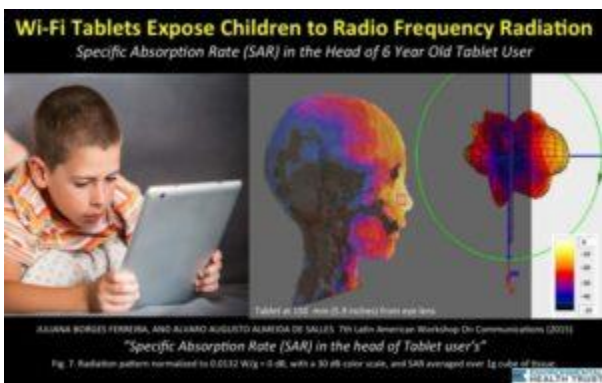
[Recommendations of the Agency](#)

The government agency recommends to “reconsider the regulatory exposure limits” to ensure “sufficiently large safety margins” to [protect](#) the health of young children:

- All wireless devices, including tablets, cordless phones, remote controlled toys, wireless toys, baby monitors and surveillance bracelets, should be subjected to the same regulatory obligations as cell phones.

- Compliance with regulatory exposure limits should be insured for the ways that devices are customarily used, *such as positioned in contact with the body*.
- Exposure limits for radiofrequency electromagnetic fields should be tightened to ensure sufficiently large safety margins to protect the health and safety of the general population, particularly the health and safety of children.
- Reliance on the specific absorption rate (SAR) to set human exposure limits should be re-evaluated and replaced through the development of an indicator to assess real exposures for mobile phone users that applies to various conditions: signal type, good or bad reception, mode of use (call, data loading, etc.), location device is used on the body.
- ANSES reiterated its recommendation, as previously stated, to reduce exposure to children: minimize use and prefer a hands-free kit.

Scientific Research Substantiates France's Expert Recommendations



“For several decades, my research and that of many others has shown that children and smaller adults will absorb relatively more radiation from mobile devices. Unfortunately, proper research on long term use has not been done to determine the full health impacts on children. I am one of many researchers who strongly recommend strengthening current regulations to protect children,” stated EHT advisor Om Gandhi of the Department of Electrical and Computer Engineering, University of Utah, who has published multiple [research studies](#) indicating that children absorb radiation deeper into their brains than adults.

“Coming on the heels of the U.S. government study showing increased risks of rare tumors of the brain and heart tied with wireless radiation in rats, this new French government report provides a welcome reminder of the importance of protecting young brains and bodies. The absence of proof of harm in our children at this time should not be confused with evidence of safety,” added Devra Davis PhD MPH, FACE, Visiting Professor of Medicine, The Hebrew University and President of Environmental Health Trust. “We cannot afford to treat the young as subjects in an experiment for which we will soon have no unexposed control group,” she added.

“Our published research on [cell phones](#) but also [tablets](#) and [laptops](#) indicates that equivalent exposures to radio frequency results in different doses to specific tissues in children compared with

adults. The wireless device certification process should be complemented with a computer simulation process using anatomically based models of different ages,” stated Professors Claudio Fernandez and Alvaro de Salles, EHT Advisors from the Electrical Engineering Departments of the Federal Institute and University of Rio Grande do Sul, IFRS and UFRGS, Brazil.

Over Twenty Governments Have Enacted Protective Policy



France previously enacted highly protective laws in regards to radiofrequency exposures. Wi-Fi is banned in kindergarten and OFF is the default setting in elementary schools (unless if specific classroom instruction requires it during certain time periods). French national law also addresses cell tower emissions compliance and labels Wi-Fi transmitters in public spaces. French cell phone legislation bans cell phones for young children, mandates SAR labeling, and requires that all cell phones are sold with headsets. This new report calls for tightening regulations *even further* in light of findings that children experiences serious learning and other problems tied with wireless exposures. [Over twenty countries and governments](#) have enacted various protective policies to reduce radiofrequency exposure to children.

ANSES also called for more research evaluating the health and psychosocial impact (academic learning, social and family relationships, *etc.*) in children, related to the use of mobile communication technologies, particularly because of addictive phenomena, disorders in circadian rhythms, *etc.* The Agency advises parents “to minimize their children’s mobile phone use, avoid nighttime communications and reduce the frequency and duration of calls”.

[ANSES Press Release and Report](#)

Media Headlines

[Le Monde France: Warning about the dangers of radio frequencies for children](#)

[Mobile phones, digital devices may harm your kid's attention span](#)

[CNET And radiofrequency waves: caution with children, said ANSES](#)

[List of New Report Headlines on the ANSES Report.](#)

Research

[IEEE/Access: Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation: the relationship between psSAR and age](#)

[Children Absorb Higher Doses of Radio Frequency Electromagnetic Radiation From Mobile Phones Than Adults](#)

[Specific Absorption Rate \(SAR\) in the head of Tablet users](#)


[International policy and advisory response regarding children's exposure to radio frequency electromagnetic fields \(RF-EMF\)](#)

[Exposure limits: the underestimation of absorbed cell phone radiation, especially in children](#)

Policy

[List of International Policy on Children and Radiofrequency Fields](#)

<http://ehtrust.org/frances-national-health-safety-agency-calls-reducing-childrens-wireless-exposures-anses-2016-report/>

Posted by [EMF Refugee](#) at [Friday, July 29, 2016](#) [No comments: Links to this post](#) 
[Email This](#)[Blog This!](#)[Share to Twitter](#)[Share to Facebook](#)[Share to Pinterest](#)

[France's National Health And Safety Agency Calls For Reducing Children's Wireless Exposures: ANSES 2016 Report](#)

France's National Health And Safety Agency Calls For Reducing Children's Wireless Exposures: ANSES 2016 Report

France's National Health Agency Calls For Reducing Children's Wireless Exposures

The National Agency of Health Security of Food, Environment and Labour Report *All* wireless devices, from tablets, remote controlled toys, wireless toys, baby monitors, and cell phones should be subjected to tighter regulatory limits.



On July 8, the French National Agency of Health Security of Food, Environment and Labour (ANSES) published a new scientific report “Radiofrequency Exposure and the Health of Children”.

Concluding that children are more vulnerable to radio frequency (RF) wireless exposures, the French report recommends immediately reducing exposures to wireless radiation from all wireless devices for young children. Acknowledging the inadequacies of current outdated RF regulations, ANSES recommends strengthening RF exposure limits with child protective safety margins *and* developing more sophisticated premarket test methods to fully assess human exposures to RF radiation from wireless devices. The new report has made [headlines](#) across the country.

Report States Children Exposed More and Early

“Unlike previous generations, children are exposed today to multiple RF sources at a young age...Children are not miniature adults...because of their smaller size, their anatomical and morphological characteristics and the characteristics of some of their tissues, they are more exposed. In particular, the peripheral areas of their [brains](#) are more vulnerable than adults to RF.”

-[Olivier Merkel, coordinator of the ANSES report](#):



This French national report affirms recent EHT publications showing greater absorption and vulnerability of the young to cell phone

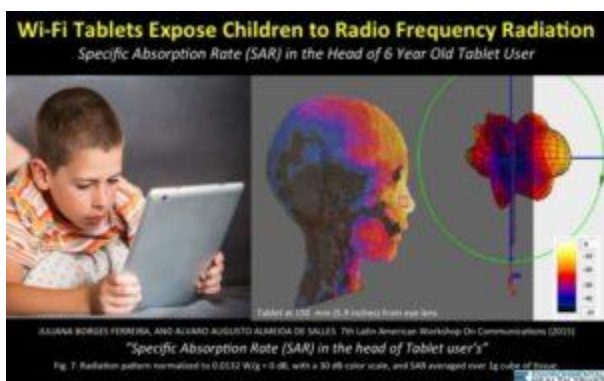
radiation. [IEEE/Access: Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation: the relationship between psSAR and age.](#)

[Recommendations of the Agency](#)

The government agency recommends to “reconsider the regulatory exposure limits” to ensure “sufficiently large safety margins” to [protect](#) the health of young children:

- All wireless devices, including tablets, cordless phones, remote controlled toys, wireless toys, baby monitors and surveillance bracelets, should be subjected to the same regulatory obligations as cell phones.
- Compliance with regulatory exposure limits should be insured for the ways that devices are customarily used, *such as positioned in contact with the body.*
- Exposure limits for radiofrequency electromagnetic fields should be tightened to ensure sufficiently large safety margins to protect the health and safety of the general population, particularly the health and safety of children.
- Reliance on the specific absorption rate (SAR) to set human exposure limits should be re-evaluated and replaced through the development of an indicator to assess real exposures for mobile phone users that applies to various conditions: signal type, good or bad reception, mode of use (call, data loading, etc.), location device is used on the body.
- ANSES reiterated its recommendation, as previously stated, to reduce exposure to children: minimize use and prefer a hands-free kit.

Scientific Research Substantiates France’s Expert Recommendations



“For several decades, my research and that of many others has shown that children and smaller adults will absorb relatively more radiation from mobile devices. Unfortunately, proper research on long term use has not been done to determine the full

health impacts on children. I am one of many researchers who strongly recommend strengthening current regulations to protect children,” stated EHT advisor Om Gandhi of the Department of Electrical and Computer Engineering, University of Utah, who has published multiple [research studies](#) indicating that children absorb radiation deeper into their brains than adults.

“Coming on the heels of the U.S. government study showing increased risks of rare tumors of the brain and heart tied with wireless radiation in rats, this new French government report provides a welcome reminder of the importance of protecting young brains and bodies. The absence of proof of harm in our children at this time should not be confused with evidence of safety,” added Devra Davis PhD MPH, FACE, Visiting Professor of Medicine, The Hebrew University and President of Environmental Health Trust. “We cannot afford to treat the young as subjects in an experiment for which we will soon have no unexposed control group,” she added.

“Our published research on [cell phones](#) *but also* [tablets](#) and [laptops](#) indicates that equivalent exposures to radio frequency results in different doses to specific tissues in children compared with adults. The wireless device certification process should be complemented with a computer simulation process using anatomically based models of different ages,” stated Professors Claudio Fernandez and Alvaro de Salles, EHT Advisors from the Electrical Engineering Departments of the Federal Institute and University of Rio Grande do Sul, IFRS and UFRGS, Brazil.

Over Twenty Governments Have Enacted Protective Policy



France previously enacted highly protective laws in regards to radiofrequency exposures. Wi-Fi is banned in kindergarten and OFF is the default setting in elementary schools (unless if specific classroom instruction requires it during certain time periods). French national law also addresses cell tower emissions compliance and labels Wi-Fi transmitters in public spaces. French cell phone legislation bans cell phones for young children, mandates SAR labeling, and requires that all cell phones are sold with headsets. This new report

calls for tightening regulations *even further* in light of findings that children experiences serious learning and other problems tied with wireless exposures. [Over twenty countries and governments](#) have enacted various protective policies to reduce radiofrequency exposure to children.

ANSES also called for more research evaluating the health and psychosocial impact (academic learning, social and family relationships, *etc.*) in children, related to the use of mobile communication technologies, particularly because of addictive phenomena, disorders in circadian rhythms, *etc.* The Agency advises parents “to minimize their children’s mobile phone use, avoid nighttime communications and reduce the frequency and duration of calls”.

[ANSES Press Release and Report](#)

Media Headlines

[Le Monde France: Warning about the dangers of radio frequencies for children](#)

[Mobile phones, digital devices may harm your kid’s attention span](#)

[CNET And radiofrequency waves: caution with children, said ANSES](#)

[List of New Report Headlines on the ANSES Report.](#)

Research

[IEEE/Access: Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation: the relationship between psSAR and age](#)

[Children Absorb Higher Doses of Radio Frequency Electromagnetic Radiation From Mobile Phones Than Adults](#)

[Specific Absorption Rate \(SAR\) in the head of Tablet users](#)


[International policy and advisory response regarding children’s exposure to radio frequency electromagnetic fields \(RF-EMF\)](#)

[Exposure limits: the underestimation of absorbed cell phone radiation, especially in children](#)

Policy

[List of International Policy on Children and Radiofrequency Fields](#)

<http://ehtrust.org/frances-national-health-safety-agency-calls-reducing-childrens-wireless-exposures-anses-2016-report/>

Posted by [EMF Refugee](#) at [Friday, July 29, 2016](#) [No comments](#): [Links to this post](#) 
[Email This](#)[Blog This](#)[Share to Twitter](#)[Share to Facebook](#)[Share to Pinterest](#)

Thursday, July 28, 2016

**[SEND IN FCC PUBLIC COMMENTS "DIRTY" ELECTRICITY - August 11, 2016
Deadline](#)**

SEND IN FCC PUBLIC COMMENTS "DIRTY" ELECTRICITY - August 11, 2016 Deadline

The FCC has finally opened a docket to look at "dirty" electricity and sources of radiated RF from electronics. The FCC standards related to "dirty" electricity, conducted RF, and inadvertently radiated RF have been developed primarily to prevent electronics and transmitters from interfering with each other.

Please write in by August 11, 2016 with a brief synopsis of how "dirty" electricity has affected your health and request that the new standards be set to prevent health effects. The Stetzerizer "dirty" electricity meter was evaluated in Kazakhstan and health standards were set such that no more than 50 G/S units of dirty electricity should be allowed on building wiring to protect health (www.electricalpollution.com/documents/Sanitary_Norms.pdf). The FCC should adopt this standard and require device and light manufacturers to engineer their devices to put out substantially less than that. Frequencies above the range of the Stetzerizer meter should also have much tighter standards. Their effect is related to capacitive coupling and energy. A signal from the transmitter on a smart meter was found to be in violation of existing limits for conducted RF if the limits went that high (see <http://stopsmartmetersny.org/debunkingutility.html> for more information). Obviously this shows that new standards that extend the full range of existing and future transmitter technology are necessary to protect human health.

Tightening of standards should extend to sources of conducted and radiated RF in cars. Many with RF sickness have trouble with cars due to conducted and radiated RF from components not designed to minimize RF emissions sufficient to protect human health. Sources include, but are not limited to, the alternator, spark plugs and distributor, fuel pump, air conditioning compressor controls, ignition switch, radio systems, and electronic displays. Proper filtering and design could minimize much of this. If this is a problem for you, be sure to mention it and ask that they revise these standards as well to protect human health. Availability of stripped down properly designed models should allow most people with RF sickness to use a car again.

The docket does not explicitly deal with health, but comments should be put in anyway so they know that they have to address the health problems the inadequate standards are causing. Health should certainly fall under point 1b and 4a. Feel free to address other points in the docket as well (attached), especially those with technical expertise.

Please take a moment to submit your comment. This office is not the same as the office responsible for broadband. I know they have had complaints from people about RF on wiring. This is an opportunity to ask the people who can take action to do so. Opening this docket is an indication that they are at least looking seriously at taking action. Let's give them good reason to do so.

Best, Catherine

Protecting my health and that of others by using a hardwired computer in a low RF environment. For more information, see www.electricalpollution.com

Comment Deadline of August 11 if anyone wants to comment.

Subject: [EMF] FCC PUBLIC COMMENTS FOR SMART GRID NOISE POLLUTION ISSUE!!!

PUBLIC NOTICE

Federal Communications Commission

445 12th St., S.W.

Washington, D.C. 20554

News Media Information [202 / 418-0500](tel:2024180500)

Internet: <https://www.fcc.gov>

TTY: [1-888-835-5322](tel:18888355322)

DA 16-676

Released: June 15, 2016

OFFICE OF ENGINEERING AND TECHNOLOGY ANNOUNCES TECHNOLOGICAL ADVISORY COUNCIL (TAC) NOISE FLOOR TECHNICAL INQUIRY

ET Docket No. 16-191

Comment Deadline: August 11, 2016

The FCC's Technological Advisory Council (TAC), an advisory group to the FCC operating under the Federal Advisory Committee Act, is investigating changes and trends to the radio spectrum noise floor to determine if there is an increasing noise problem, and if so, the scope and quantitative evidence of such problem(s), and how a noise study should be performed. In this public notice, the Office of Engineering and Technology (OET) announces the TAC's public inquiry, seeking comments and answers to questions below for the TAC about radio spectrum noise.¹

TAC Noise Floor Technical Inquiry

The TAC is requesting input to help answer questions about the study of changes to the spectrum noise floor over the past 20 years. Noise in this context denotes unwanted radio frequency (RF) energy from man-made sources. Like many spectrum users, TAC members expect that the noise floor in the radio spectrum is rising as the number of devices in use that emit radio energy grows. However, in search for concrete evidence of increased noise floors, we have found limited available quantitative data to support this presumption. We are looking to find ways to add to the available data in order to answer important questions for the FCC regarding this topic. Radio spectrum noise is generated by many different types of devices. Devices that are not designed to generate or emit RF energy but do so as a result of their operation are called *Incidental Radiators*. Most

electric motors, light dimmers, switching power supplies, utility transformers and power lines are included in this category. There is little regulation governing the noise generated by these devices.

Noise

from such sources is expected to be minimized with “Good Engineering Practices.”

Devices that are designed to generate RF energy for internal use, or send RF signals by conduction to

associated equipment via connected wiring, but are not intended to emit RF energy, are called *Unintentional Radiators*. Computers and many portable electronic devices in use today, as well as many

new high efficiency lights, are included in this category. Current regulations limit the levels of emitted RF

energy from these devices.

Unlicensed Intentional Radiators, Industrial, Scientific, and Medical (ISM) Radiators, and Licensed Radiators are devices that are designed to generate and emit RF energy by radiation or induction.

Cellular

1 <https://transition.fcc.gov/bureaus/oet/tac/tacdocs/meeting6916/TAC-Noise-Floor-Technical-Inquiry.pdf>

2

phones and base stations, unlicensed wireless routers, Bluetooth devices, broadcast TV and radio stations,

and radars of many types, are all examples of licensed / unlicensed intentional radiators, and microwave

ovens, arc welders, and fluorescent lighting are examples of ISM equipment. Such emitters contribute to

the noise floor with emissions outside of their assigned frequencies. These are sometimes generated as

spurious emissions, including, but not limited to, harmonics of desired frequencies and intermodulation

products. Regulations that permit the operation of these devices also specify the limits of emissions

outside of licensed or allowed (in the case of unlicensed devices) frequencies of operation.

We are looking for responses to the following questions to help us identify aspects of a study to determine

trends in the radio spectrum noise floor.

1. Is there a noise problem?

a. If so, what are the expected major sources of noise that are of concern?

b. What services are being most impacted by a rising spectrum noise floor?

c. If incidental radiators are a concern, what sorts of government, industry, and civil society efforts might be appropriate to ameliorate the noise they produce?

2. Where does the problem exist?

a. Spectrally

i. What frequency bands are of the most interest?

b. Spatially

i. Indoors vs outdoors?

ii. Cities vs rural settings?

iii. How close in proximity to incidental radiators or other noise sources?

iv. How can natural propagation effects be accounted for in a noise study?

c. Temporally

i. Night versus day?

ii. Seasonally?

3. Is there quantitative evidence of the overall increase in the total integrated noise floor across

various segments of the radio frequency spectrum?

- a. At what levels does the noise floor cause harmful interference to particular radio services?
- b. What RF environment data from the past 20 years is available, showing the contribution of the major sources of noise?
- c. Please provide references to scholarly articles or other sources of spectrum noise measurements.
4. How should a noise study be performed?
 - a. What should be the focus of the noise study?
 - b. How should it be funded?
 - c. What methods should be used?
 - d. How should noise be measured?
 - i. What is the optimal instrumentation that should be used?
 - ii. What measurement parameters should be used for that instrumentation?
 - iii. At what spatial and temporal scales should noise be measured?
 - iv. Should the monitoring instrumentation be capable of determining the directions of the noise sources? If so, how would those data be used?
 - v. Is there an optimal height above ground for measurements?
 - e. What measurement accuracy is needed?

3

- i. What are the statistical requirements for sufficient data? Would these requirements vary based on spectral, spatial and temporal factors?
- ii. Can measurements from uncalibrated, or minimally calibrated, devices be combined?
- iii. Is it possible to “crowd source” a noise study?
- f. Would receiver noise measurements commonly logged by certain users (e.g. radio astronomers, cellular, and broadcast auxiliary licensees) be available and useful for noise floor studies?
- g. How much data must be collected to reach a conclusion?
- h. How can noise be distinguished from signals?
- i. Can noise be characterized and its source identified?
- ii. Is there a threshold level, below which measurements should be ignored?

Procedures

Interested parties may file comments up until the comment deadline indicated on the first page of this

document. Comments may be filed using the Commission’s Electronic Comment Filing System (ECFS).

See Electronic Filing of Documents in Rulemaking Proceedings, 63 FR 24121 (1998).

♣ **Electronic Filers:** Comments may be filed electronically using the Internet by accessing the ECFS: <http://fjallfoss.fcc.gov/ecfs2/>.

♣ **Paper Filers:** Parties that choose to file by paper must file an original and one copy of each filing.

If more than one docket or rulemaking number appears in the caption of this proceeding, filers must submit two additional copies for each additional docket or rulemaking number.

Filings can be sent by hand or messenger delivery, by commercial overnight courier, or by firstclass or overnight U.S. Postal Service mail. All filings must be addressed to the Commission’s Secretary, Office of the Secretary, Federal Communications Commission.

♣ All hand-delivered or messenger-delivered paper filings for the Commission’s Secretary must be delivered to FCC Headquarters at 445 12th St., SW, Room TW-A325, Washington, DC 20554. The filing hours are 8:00 a.m. to 7:00 p.m. All hand deliveries must be held together with rubber bands or fasteners. Any envelopes must be disposed of

before entering the building.

♣ Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9300 East Hampton Drive, Capitol Heights, MD 20743.


♣ U.S. Postal Service first-class, Express, and Priority mail must be addressed to 445 12th Street, SW, Washington DC 20554.

People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an e-mail to fcc504@fcc.gov or call the Consumer &

Governmental Affairs Bureau at [202-418-0530](tel:202-418-0530) (voice), [202-418-0432](tel:202-418-0432) (tty).

For further information, please contact TAC Spectrum and Receiver Performance working group cochair

Greg Lapin, ARRL (GLapin@arrl.org) and Lynn Claudy, NAB (LClaudy@nab.org), or TAC working group FCC liaison Robert Pavlak, FCC Office of Engineering & Technology (Robert.Pavlak@fcc.gov)

Posted by [EMF Refugee](#) at [Thursday, July 28, 2016](#) [No comments](#): [Links to this post](#) 
[Email This](#)[Blog This](#)[Share to Twitter](#)[Share to Facebook](#)[Share to Pinterest](#)

[Report from the BioEM2016](#)

Report from the BioEM2016

GALLERY

Posted on [July 27, 2016](#)

The 23-pages Report from the BioEM2016 is available ([BIOEM2016 Report_DL_Final](#)).



From the Introduction and Contents:

BioEM2016 conference took place on June 6 -10, 2016 in Ghent, Belgium. Seen here is the view of the conference site, Het Pand, the large building on the left on the Leie River, a former monastery.

This report has been prepared for the **Pandora Foundation, Germany**, and **Competence Initiative, Germany**, which supported travel and participation of the author in BioEM2016. Parts of this report were published during the course of the BioEM2016 as blogs on “[BRHP - Between a Rock and a Hard Place](#)” site.

Only several topics presented at the BioEM2016 are presented and discussed in this report. For the full list of topics presented at the BioEM2015, please, consult the freely available [program book](#). However, the book of extended conference abstracts is accessible only for the registered participants of the BioEM2015, and for the members, in good standing, of the BEMS and EBEA.

The content list of the report:

- Introductory comments
- Hot topic: the NTP study
- Wireless charging
- New avenues in epidemiology
- Tutorial on safety standards by IEEE-ICES in USA
- Chinese study - interesting but technically unreliable
- Boris Pashe’s work - what is the future?
- Non-thermal effects of RF-EMF exposures
- Stress response as activation of heat-shock proteins and genes
- Dosimetry: assures thermally-based safety limits... nothing else...
- Skin and 5G technology
- Exposure to RF-EMF and its impact on brain structure - yes and no...
- Telcom’s concerns over information and misinformation
- Wi-Fi and health - review with unfounded conclusions
- Closing words...

<https://betweenrockandhardplace.wordpress.com/2016/07/27/report-from-the-bioem2016/>

Posted by [EMF Refugee](#) at [Thursday, July 28, 2016](#) [No comments: Links to this post](#) 

[Email This](#)[BlogThis!](#)[Share to Twitter](#)[Share to Facebook](#)[Share to Pinterest](#)

[Newer Posts](#) [Older Posts](#) [Home](#)

Subscribe to: [Posts \(Atom\)](#)

EMF Refugee



The International Coalition for an Electromagnetic Safe Planet (IC-ESP)

Essential EMF Websites

- [EMF Refugee Online EMF Goods Store](#)
- [A Guide for the EHS warrior](#)
- [Antenna Search: Find the Health Damaging Microwave Emitting Antennas Near You](#)
- [Anti Cell Tower Lawyers.com](#)
- [EMF Portal: Search the EMF Research Studies](#)
- [Digital Detox](#)
- [EMF Clothing](#)
- [EMF Sanctuaries/ EMF Refuges](#)
- [ES/EHS World Map](#)
- [Power Watch: Conversion of Units](#)
- [Stopping a Cell Tower](#)

Recommended EMF Articles

- [American Academy of Environmental Medicine calls for a halt to wireless smart meters](#)
- [Are Electromagnetic Waves the Culprit?](#)
- [Attack of the Cell Phone Zombies](#)
- [BAN mobiles from schools: New Ofsted chief gets tough over classroom discipline and schools could be penalised for failing to tackle disruption](#)
- [Bees, Birds, and Mankind](#)
- [Biological Effects of Dirty Electricity](#)
- [Cell Phone Games](#)
- [Cell Phones Shown to Negatively Influence Fetal Brains](#)
- [Cell phone use can affect moral judgement center in brain: a buried study says](#)
- [Cell phone use in pregnancy may cause behavioral disorders in offspring](#)
- [Cell towers killing sparrows, bees, says MoEF study](#)
- [Cellphones replace smokes as the addiction of choice](#)
- [Could EMFs Be the Cause Of Chronic Fatigue Syndrome?](#)
- [EM field, behind right ear, suspends morality](#)
- [EMFs and Lyme Disease: An Interview with Dr. Klinghardt](#)
- [Effects of exposure to a mobile phone on sexual behavior in adult male rabbit: an observational study.](#)
- [Eileen O'Conner's Story](#)
- [Electromagnetic Fields \(EMF\) Killing Fields](#)
- [Electromagnetic intolerance elucidated](#)
- [Electronic Smog Linked to Respiratory Disease](#)
- [Electropollution and the Decline in Health of a Nation](#)
- [Generation X-Ray](#)
- [Generation X'd Out](#)
- [Harvard lawyers learn institutional corruption within the wireless industry](#)
- [Hello: Microbes Proliferate in the Presence of EMFs](#)
- [Honey, Someone Shrunk the Microvilli!](#)
- [How Corporations Corrupt Science at the Public's Expense](#)
- [Illusion & Escape: The Cell Phone Disease Quagmire](#)
- [Is Your Cell Phone Funding Human Rights Abuses?](#)
- [Is Your Cell Phone Making You a Jerk?](#)
- [It Just Makes Sense – The Link Between Wireless Technology and the Rise in Autism](#)
- [It's Official: Cell Phones Are Killing the Bees](#)
- [Marcelo Paganini Interviews Art Kab about the EMR-CFS Connection.](#)
- [Mobile Telecommunications in KemptonWest Blood levels alarmingly altered](#)
- [More Evidence that Microwaves Are Killing the Bees](#)
- [No, Your Patient Is Not Crazy](#)

- [Research on Transfer Factors in Disease Treatment and Prevention](#)
- [Sensitive and Inside Big Technology: Views from the Other Side \(Part One\)](#)
- [Study looks at impact of cell phone base station on body's adrenergic system](#)
- [The Economist—and the Truth About Microwave Radiation Emitted from Wireless Technologies](#)
- [The Hidden Dangers of Cell Phone Radiation](#)
- [The Radiation Poisoning of America](#)
- [UW Scientist Henry Lai Makes Waves in the Cell Phone Industry](#)
- [WHY OUR WORLD IS ELECTROPOLLUTED](#)
- [Waldorf says no to Wi-Fi](#)
- [Warning: High Frequency](#)
- [Warning: Your Cell Phone May Be Hazardous to Your Health](#)
- [Wifi, EMFs : Electrosensitivity \(ES, EHS\) physiologically explained at last](#)
- [Wireless Interference: The Health Risks of RF-EMFs](#)
- [Wireless Mind, Gullible Mind](#)

Recommended Movies/Videos

- [Desperately Seeking White Zone](#)
- [Public Exposure: DNA, Democracy, and the Wireless Revolution](#)
- [Resonance: Beings of Frequency](#)
- [Radiant Day](#)
- [Take Back Your Power](#)
- [Panorama: WiFi, A Warning Signal](#)
- [BLOOD COLTAN](#)
- [Full Signal](#)
- [Microwaves, Science, and Lies](#)
- [Dr. Magda Havas: WiFi in Schools is Safe. True or False?](#)
- [Live Blood Analysis & Electrosmog](#)
- [Science 101: Cherry Picking & Black Swans.mov](#)
- [LOOK UP!](#)
- [Dear Helen Clark, from New Zealand](#)
- [The Cell Phone Song: Invisible Hazards in the Wireless Age, NZ Trillion](#)
- [TeslaMania Music Video](#)

EMF Websites

- [Alliance for Human and Environmental Health](#)
- [Alliance for Irish Radiation Protection](#)
- [Antennas Aqui \(Portugal\)](#)
- [Asociation Vallisoletana de Afectados por las Antenas de telefonía](#)
- [Australian Centre for RF Bioeffects Research:](#)
- [Ban the Tower \(New Zealand\)](#)
- [BioInitiative](#)
- [BioInitiative 2012 Conclusions](#)
- [Blake Levitt](#)
- [Boil the Frog Radio](#)
- [Building Biology Blog](#)
- [Burgerwelle: Germany:](#)
- [California Brain Tumor Association](#)
- [Canadians for Safe Technology \(C4ST\)](#)
- [Cell Phone Lies](#)

- [Cell Slayer](#)
- [Cell Tower Dangers](#)
- [Cellular Phone Task Force](#)
- [Center for Electrosmog Prevention](#)
- [Citizens for Safe Technology](#)
- [Clean Energy Foundation Canada](#)
- [Collaborative on Health and the Environment CHE EMF, a premier online discussion list focusing on EMF science and public policy](#)
- [Danish Association of Electrosensitives](#)
- [Dr. Magda Havas, Ph.D.](#)
- [Dr. Marino's Website](#)
- [Dr. Neil Cherry: New Zealand](#)
- [Dr. Robert C. Kane](#)
- [Dr. Vini Kharuna-brain surgeon Austrailia](#)
- [EHS Action \(France\)](#)
- [EM Radiation Research Trust UK](#)
- [EMF Effects](#)
- [EMF Effects Consulting](#)
- [EMF Mercola](#)
- [EMF Refugee \(Yahoo Group\)](#)
- [EMF Safety Network](#)
- [EMF Summit](#)
- [EMF | Poluição Electromagnética \(Portugal\)](#)
- [EMF-PORTAL](#)
- [EMFHELP \(Australia\)](#)
- [EMFacts Consultancy](#)
- [EMR Policy Institute](#)
- [Ecology Options Network](#)
- [Electric Forester Blogspot](#)
- [Electric Forester Investigation Ltd. \(EMR Surveys in the UK\)](#)
- [Electric Sense \(Loyd Burrell\)](#)
- [Electrical Pollution.com](#)
- [Electroensibile \(France\)](#)
- [Electromagnetic Bioeffects \(Andrew Marino\)](#)
- [Electromagnetic Radiation Research Foundation of South Africa](#)
- [Electromagnetic Radiation Safety \(Joel Moskowitz\)](#)
- [Electromagnetic Radiation Specialist \(Building Biology\)](#)
- [Electrosensitivity UK](#)
- [Electrosensitivity in Ireland](#)
- [Electrosensitivity.org](#)
- [Environmental Health Trust \(Devra Davis\)](#)
- [Environmental Radiation](#)
- [Escuela Sin Wi-fi \(Spain\)](#)
- [FEB \(Sweden\)](#)
- [Folkets Stralevern \(Norway\)](#)
- [Green Thinkerz \(India\)](#)
- [Guinea Pigs R US](#)
- [H.E.S.E. Project](#)
- [International Commission for Electromagnetic Safety \(ICEMS\)](#)
- [International Institute for Building-Biology & Ecology](#)
- [Italian Association for the Electrosensitive:](#)
- [Leefbewust](#)

- [Mast Action UK](#)
- [Mast Sanity UK](#)
- [Mast-Victims.org discussion forum](#)
- [Microwave News](#)
- [MobileFunk](#)
- [Next Up](#)
- [NoRad4U \(Israel\)](#)
- [Nordic Society for Radiation Protection](#)
- [Norwegian Association for the Electro-Hypersensitive](#)
- [People's Initiative](#)
- [Powerwatch](#)
- [Resources on radiation: wireless, EMR, RFT, and ionizing \(Your Own Health and Fitness\)](#)
- [Robin Des Toits \(National Association for Safe Technologies\) France](#)
- [Safe Tech Solutions](#)
- [Sedona Smart Meter Awareness](#)
- [Smart Meter Harm](#)
- [Smart Meter News Update](#)
- [Stay On The Truth](#)
- [Stop UMTS \(Netherlands\)](#)
- [StopSmartMeters](#)
- [StralingsArm Vlaanderen \(Belgium\)](#)
- [The Associated Bioelectromagnetics Technologists](#)
- [The EMF Experts](#)
- [The EMR Network \(Vermont\)](#)
- [The Microwave Factor](#)
- [Une Terre Pour Les EHS](#)
- [VOC-EMF Measures Research Association \(Japan EHS\)](#)
- [WEEP](#)
- [Wi-Cancer \(Amy Worthington\)](#)
- [Wi-Fi in Schools UK](#)
- [Wifi in Schools](#)
- [Wired Child UK](#)
- [Wireless Watch Com.](#)
- [Wireless Watch Org.](#)

Follow by Email

Followers

About Me



[EMF Refugee](#)

While I have always been extremely health conscious and am presently in excellent health, I did become temporarily out-of-commission (i.e. I was really sick) in 2005 with a number of at the time

unexplainable symptoms. I was quite puzzled at the time because I had been eating mainly organically grown food, drinking spring water, doing Yoga every morning, and going to the gym several times a week. In other words, I was doing everything one is supposed to do to stay healthy. I was not supposed to get sick. It took me six months before discovering or even imagining the main source of the problem - which was in fact "overexposure to electromagnetic" - especially microwave - radiation. I was living within 100 meters of three cell phone towers at the time and numerous WiFi signals had been bleeding into my apartment from my adjacent neighbors. I developed a host of symptoms, which are found in what has been misleadingly described as Chronic Fatigue Syndrome (CFS) -- but much more accurately described as Radio Wave or Microwave Sickness. Large numbers of people in the USA suddenly started getting sick in 1984...

[View my complete profile](#)

Google+ Followers

Popular Posts

- [Gametogenesis, Embryonic and Post-Embryonic Development of Drosophila melanogaster, as a Model System for the Assessment of Radiation and Environmental Genotoxicity](#)

SÁBADO, 22 DE SEPTIEMBRE DE 2012 Gametogenesis, Embryonic and Post-Embryonic Development of Drosophila melanogaster,...



[Are You Sanpaku? 貴方は三白ですか？](#)

Are You Sanpaku? 貴方は三白ですか？ When I was around 16-years-old, a friend of mine gave me a book called "Are You Sanpaku?" This intro...



[Amazing: Woman Cures Breast Cancer with Black Salve](#)

Amazing: Woman Cures Breast Cancer with Black Salve Ann Devlin added 4 new photos. September 26 at 3:18pm · You'...



[How to Measure Your Body Voltage \(with a Multimeter\)](#)

Hi Everyone, Ashley Greenlife contacted me with the following message: As you can see from the initial picture at the top of the page...

- [原因不明の発熱、脱力感が続く 働き盛りに多発 慢性疲労症候群 Unexplained fever, followed by weakness, multiple symptoms in the prime of life: Chronic Fatigue Syndrome](#)

原因不明の発熱、脱力感が続く 働き盛りに多発 慢性疲労症候群 2013年4月9日 ある日突然、全身の倦怠（けんたい）感に襲われ、疲労や微熱が続く「慢性疲労症候群」（C F S）。働き盛りの二十代～四十代で発症する例が多いが、詳しい原因 は不明で根...

- [The Ugly Truth: How Cell Phone Addiction Is Adversely Affecting Normal Healthy Human Social Interaction!](#)

23 Pictures That Prove Society Is Doomed HEAD FOR THE HILLS. posted on June 19, 2013 at 1:45pm EDT Dave Stopera BuzzFeed St...



- [It Just Makes Sense – The Link Between Wireless Technology and the Rise in Autism](#)
Permission granted to repost as is. It Just Makes Sense – The Link Between Wireless Technology and the Rise in Autism By Nancy Sar...

- [Radio Wave \(Microwave\) Sickness: Symptoms](#)

Individuals living with 100 metres of a wireless facility of any kind tend to report symptoms such as dizziness , nausea , memory loss , in...

- [Google Glass Emits More Radiation Than Most Smart Phones](#)

Google Glass Emits More Radiation Than Most Smart Phones

- [Cell Phone & Wi-Fi EMR Effects on Oxidative Stress & Molecular Pathways in the Brain](#)

Joel's comments: Excerpted below are the sections of this review paper by Nazıroğlu and Akman (2014) that address blood-brain barrier...

Blog Archive

- [▼ 2016 \(422\)](#)
 - [▼ 07/24 - 07/31 \(9\)](#)
 - [France's National Health And Safety Agency Calls F...](#)
 - [France's National Health And Safety Agency Calls F...](#)
 - [SEND IN FCC PUBLIC COMMENTS "DIRTY" ELECTRICITY - ...](#)
 - [Report from the BioEM2016](#)
 - [Opinion piece: A response to the Demasi ABC Cataly...](#)
 - [BioEM2016 report + 15 new studies on electromagnet...](#)
 - [EUROPAEM EMF Guideline 2016 for the prevention,dia...](#)

- [FCC + 5G: Gestapo in the USA \(video\)](#)
 - [Italy: Turin is planning to cut back on Wi-Fi in s...](#)
- [▶ 07/17 - 07/24](#) (11)
- [▶ 07/10 - 07/17](#) (26)
- [▶ 07/03 - 07/10](#) (19)
- [▶ 06/26 - 07/03](#) (11)
- [▶ 06/19 - 06/26](#) (15)
- [▶ 06/12 - 06/19](#) (7)
- [▶ 06/05 - 06/12](#) (9)
- [▶ 05/29 - 06/05](#) (14)
- [▶ 05/22 - 05/29](#) (8)
- [▶ 05/15 - 05/22](#) (6)
- [▶ 05/08 - 05/15](#) (10)
- [▶ 05/01 - 05/08](#) (9)
- [▶ 04/24 - 05/01](#) (6)
- [▶ 04/17 - 04/24](#) (10)
- [▶ 04/10 - 04/17](#) (11)
- [▶ 04/03 - 04/10](#) (12)
- [▶ 03/27 - 04/03](#) (7)
- [▶ 03/20 - 03/27](#) (17)
- [▶ 03/13 - 03/20](#) (8)
- [▶ 03/06 - 03/13](#) (3)
- [▶ 02/28 - 03/06](#) (8)
- [▶ 02/21 - 02/28](#) (33)
- [▶ 02/14 - 02/21](#) (39)
- [▶ 02/07 - 02/14](#) (13)
- [▶ 01/31 - 02/07](#) (26)
- [▶ 01/24 - 01/31](#) (10)
- [▶ 01/17 - 01/24](#) (19)
- [▶ 01/10 - 01/17](#) (20)
- [▶ 01/03 - 01/10](#) (26)
- [▶ 2015](#) (1233)
- [▶ 2014](#) (1317)
- [▶ 2013](#) (1534)
- [▶ 2012](#) (1331)
- [▶ 2011](#) (137)
- [▶ 2010](#) (7)
- [▶ 2008](#) (4)
- [▶ 2007](#) (152)
- [▶ 2006](#) (25)
- [▶ 2005](#) (10)

Google+ Badge

Translate

Search This Blog

Loading...

EMF Movies/Videos

Loading...

Total Pageviews

Awesome Inc. template. Powered by [Blogger](#).